

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference IPN29121	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/KR2005/001792</b>	International filing date (day/month/year) 13 JUNE 2005 (13.06.2005)	(Earliest) Priority Date (day/month/year) 12 JUNE 2004 (12.06.2004)
Applicant <b>Digital Bio Technology Co., Ltd. et al</b>		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

## 4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 3

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

b. ☐ none of the figure is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/001792

### A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C12N 13/00

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C12N 13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

NCBI PubMed, Esp@cenet, CA, e-KIPASS "electroporation, electroporation, elongated hollow member, electric field pulse"

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OSUMI N. & INOUE T., 'Gene transfer into cultured mammalian embryos by electroporation', <i>Exp Methods</i> , 2005, Vol. 24(1), pp. 35-42 See the whole document	1-42
A	WO 2002/033066 A1 (COLLECTRICON AB) 25 APRIL 2002 (25.04.2002) See the whole document	1-42
A	WO 1999/024110 A1 (A+ SCIENCE INVEST AB) 20 MAY 1999 (20.05.1999) See the whole document	1-42
A	US 2003/009148 A1 (GENETRONICS, INC.) 9 JANUARY 2003 (09.01.2003) See the whole document	1-42

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

- \* Special categories of cited documents:
- \* A\* document defining the general state of the art which is not considered to be of particular relevance
- \* B\* earlier application or patent but published on or after the international filing date
- \* L\* documents which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- \* O\* document relating to an oral disclosure, use, exhibition or other means
- \* P\* document published prior to the international filing date but later than the priority date claimed

- \* T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \* X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \* Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combinations being obvious to a person skilled in the art
- \* &\* document member of the same patent family

Date of the actual completion of the international search  
21 SEPTEMBER 2005 (21.09.2005)

Date of mailing of the international search report

22 SEPTEMBER 2005 (22.09.2005)

Name and mailing address of the ISA/KR



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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
PCT/KR2005/001792

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2002/033066 A1	25.04.2002	EP 1 334 184 A1 US 2004/029101 A1 JP 2004/511258 T	13.08.2003 12.02.2004 15.04.2004
WO 1999/024110 A1	20.05.1999	EP 1 028 778 A1 US 6 521 430 B1 JP 2001/522666 T	23.08.2000 18.02.2003 20.11.2001
US 2003/009148 A1	09.01.2003	WO 1996/039226 A1 US 5 702 359 A KR 0 247 255 B1 EP 1 240 917 A1 JP 3 338 880 B2	12.12.1996 30.12.1997 01.05.2000 18.09.2002 28.10.2002